station whether it is communicating directly with the base station or indirectly with the primary/telecommunication station. These claims have been revised to better emphasize the distinctions between the present invention and the prior art. Furthermore, new claim 32 has been added to further distinguish the present invention, by the secondary station being capable of receiving and synchronizing to the base station directly. Unlike the subscriber stations of Schlosser which do not synchronize to each other and must use the satellite station for communication.

For the above reasons, Applicants respectfully submit that all the claims are allowable. If the Examiner does not believe that the claims are in condition for allowance, the Examiner is respectfully requested to contact the undersigned. Reconsideration and entry of this amendment is respectfully requested.

Respectfully submitted,

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37 CFR §1.121(b)(1)(iii) and (c)(1)(ii) SPECIFICATION AND CLAIM AMENDMENTS- MARKED UP VERSION

11. (Five Times Amended) A telecommunication system using wireless transmissions, the system comprising:

a primary station communicating with a plurality of stations, the primary station including a radio having a receiver and a transmitter wherein:

(i) said transmitter transmits synchronization information including an assignment of n transmission fixed periodic time slots, where n is an integer greater than 1, and n reception fixed periodic time slots on a selected frequency;

(ii) said radio transceives a duplex telephonic communication with the plurality of stations on the selected frequency wherein:

10 (a) said transmitter transmits TX speech information to each of the plurality of stations in a respective one of the n transmission time slots on the selected frequency; and

(b) said receiver receives RX speech information from each of the plurality of stations in one of the n reception time slots on the selected frequency and receiving synchronization information from a base station; and

the plurality of stations including:

17 [a] the base station receiving from the primary station the TX speech

18 information originated from a secondary station in said respective transmission time slot and

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transmitting the RX speech information in said respective reception time slot and transmitting the synchronization information; and

the secondary station having:

(i) a radio receiver which receives the synchronization information from the primary station and identifies the assignment of time slots and which receives from the primary station the TX speech information originating from the base station in said respective transmission time slot; and

(ii) a radio transmitter which transmits the RX speech information in said respective reception time slot; and

wherein using the primary station for transmissions between the base station and secondary station is transparent to the base station and secondary station, and the primary station and the secondary station itself detects a frame timing from received signals and aligns its transmitting frame timing accordingly and the secondary station is effectively synchronized to the transmitted synchronization information of the base station via the primary station transmitted synchronization information.

15. (Five Times Amended) A telecommunication station for communicating with a base station and a secondary station using wireless transmissions, the station comprising:

a transmitter which:

(i) transmits synchronization information including the assignment of 2n fixed periodic time slots, where n is an integer greater than 1, on a selected frequency, n

fixed periodic transmit time slots for transmission from said telecommunication station and n fixed periodic reception time slots for reception by said telecommunication station; and

(ii) transmits TX information to the base station and the secondary station on the selected frequency in respective ones of said n assigned transmit slots; and

a receiver which receives RX information from the base station and the secondary station on the selected frequency in respective ones of said n assigned reception slots and receives synchronization information from the base station; and

wherein using the telecommunication station for communications between the base station and secondary sation is transparent to the base station and secondary station, and the primary station and the secondary station itself detects a frame timing from received signals and aligns its transmitting frame timing accordingly and the secondary station is effectively synchronized to the synchronization information of the base station via the telecommunication station transmitted synchronization information.

19. (Five Times Amended) A telecommunication station for communicating with a base station and a secondary station using wireless transmissions, the telecommunication station comprising:

a transmitter which:

(i) transmits synchronization information including the assignment of fixed periodic time slots on a selected frequency, at least two fixed periodic transmit time slots for

transmission from said telecommunication station and at least two fixed periodic reception time slots for reception by said telecommunication station; and

(ii) transmits a signal carrying information received from the base station on the selected frequency in a first assigned transmit slot and carrying information received from the secondary station on the selected frequency in a second assigned transmit slot; and

a receiver which:

(i) receives the information transmitted from the base station on the selected frequency in a first assigned reception slot and synchronization information from the base station; and

(ii) receives the information transmitted from the secondary station on the selected frequency in a second assigned reception slot; and

wherein using the telecommunication station for communications between the base station and secondary station is transparent to the base station and secondary station, and the primary station and the secondary station itself detects a frame timing from received signals and aligns its transmitting frame timing accordingly and the secondary station is effectively synchronized to the synchronization information of the base station via the telecommunication station transmitted synchronization information.